

## ARACHIDONIC ACID METABOLISM

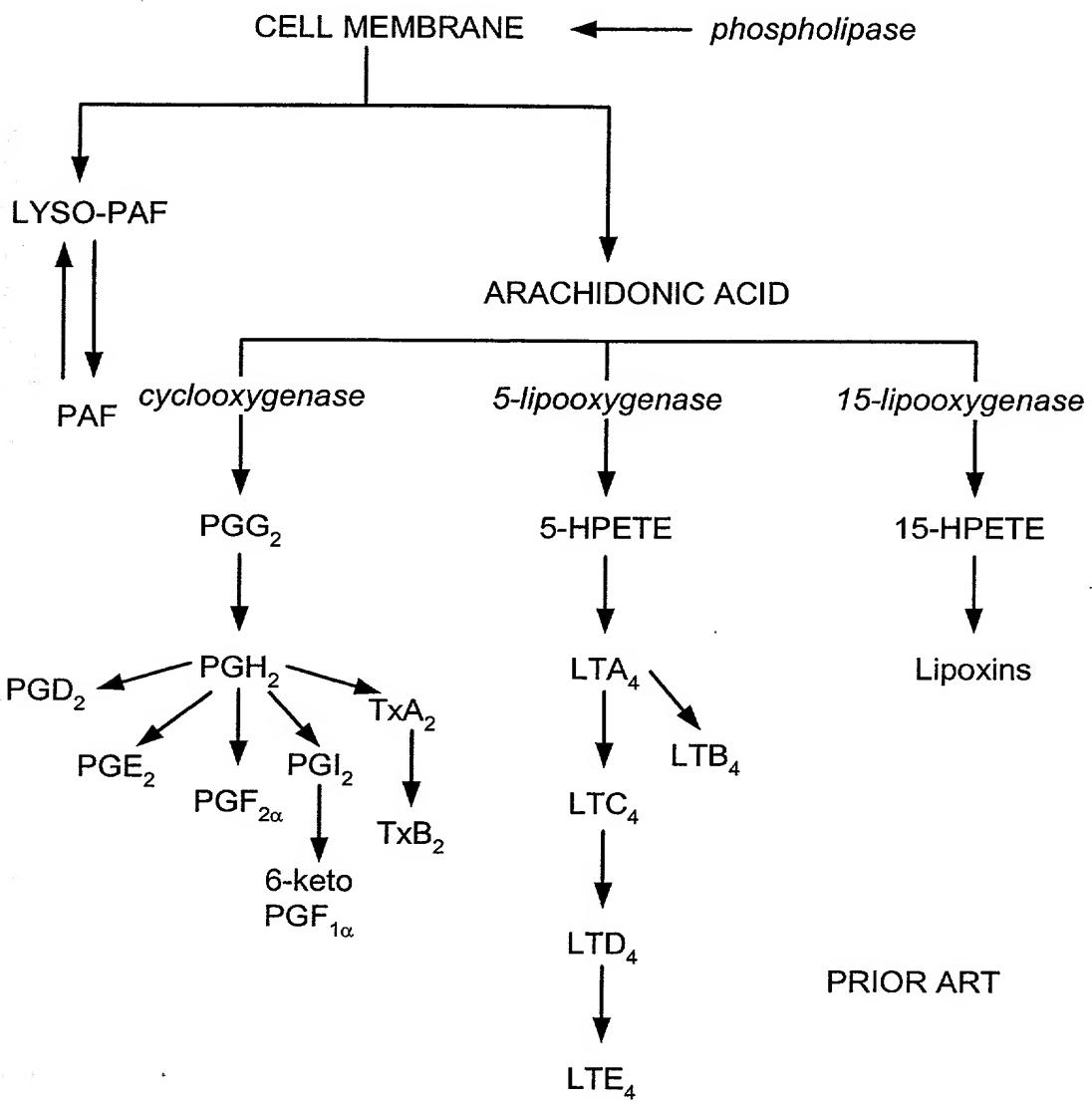


FIG. 1

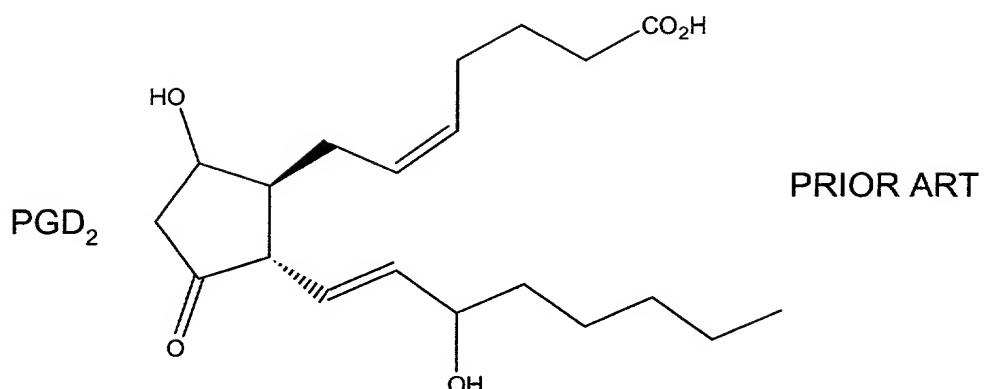


FIG. 2A

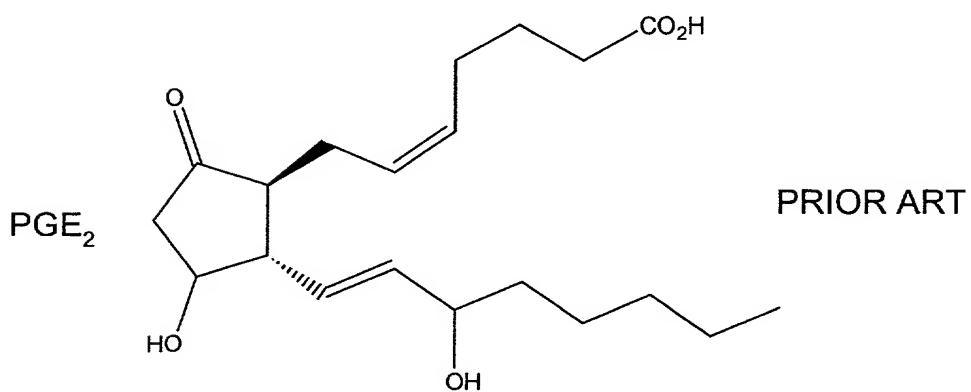


FIG. 2B

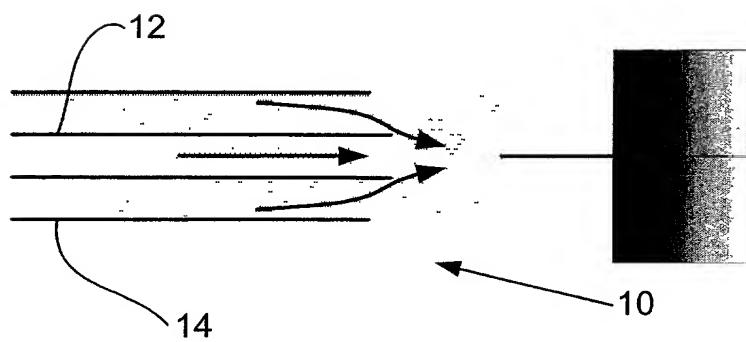


FIG. 3

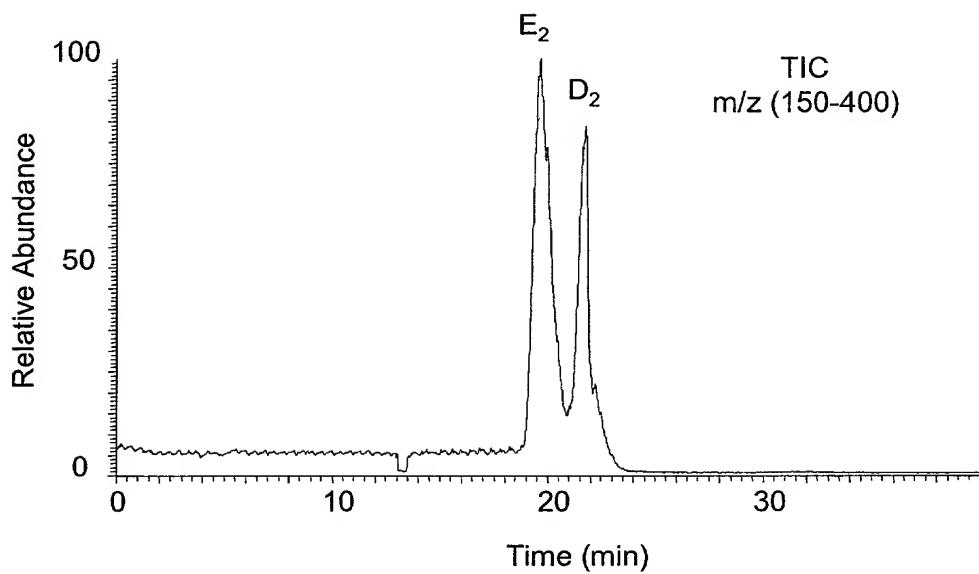


FIG. 4

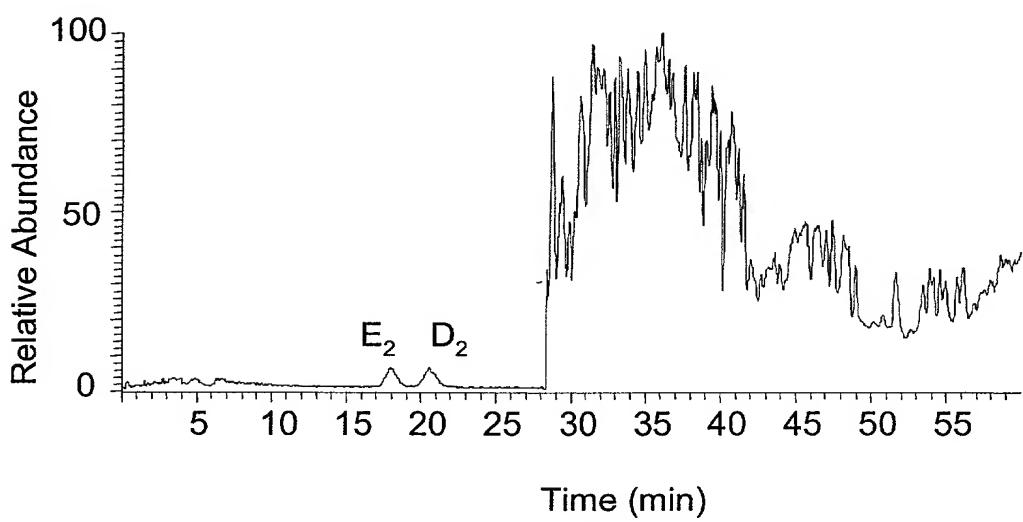


FIG. 5

```
Magic Temperature Controller
Temperature: 40

Magic Pump
Run time: 60.00 min
Initial Valve Position: INJECT
Pump A: Enabled
Pump B: Enabled

Time Program
time: 0.00 flow 45.00 %b: 26.00
time: 30.00 flow 45.00 %b: 26.00
time: 50.00 flow 45.00 %b: 90.00
time: 55.00 flow 45.00 %b: 26.00
time: 60.00 flow 45.00 %b: 26.00

Magic Detector
Run time: 60.00 min
Deuterium Lamp is Enabled
Tungsten Lamp is Disabled
Zero On Change is Enabled
WaveMode selected: Dual UV (190-365 nm)

Time Program
time: 0.00 wave1:214 wave2:234
```

FIG. 6A

## LCQ Deca Instrument Method

MS Run Time (min): 60.00

Divert Valve: not used during run

Contact Closure: not used during run

#### Unimetrics Syringe Settings:

Flow Rate ( $\mu\text{L}/\text{min}$ ): 15.00 Volume ( $\mu\text{L}$ ): 500.00  
Stop Syringe Pump at End of Run: Yes

#### MS Detector Settings:

Real-time modifications to method disabled

### Segment 1 Information

Duration (min) : 28.34

Number of Scan Events: 4

Tune Method: negative ion mode with lc

### Scan Event Details:

1: Neg o (220.0-400.0)  
2: Neg o (220.0-400.0)  
3: Neg o (220.0-400.0)  
4: Neg o (220.0-400.0)

## Segment 2 Information

Duration (min) : 31.66

Number of Scan Events: 1

Tune Method: angiowflow

### Scan Event Details:

1: Pos o (400.0-2000.0)

#### Custom Data Dependent Settings:

Not enabled

FIG. 6B

Duplication of PAL local LC-Inj cycle

Syringe: 10  $\mu$ L

01 LC-Inj

Air Volume ( $\mu$ L)	0
Pre Clean with Solvent 1	2
Pre Clean with Solvent 2	3
Pre Clean with Sample	1
Filling Speed ( $\mu$ L/s)	.5
Filling Strokes	5
Inject to	LC Vlv1
Injection Speed ( $\mu$ L/s)	.5
Pre Inject Delay (ms)	500
Post Inject Delay (ms)	500
Post Clean with Solvent 1	3
Post Clean with Solvent 2	3
Valve Clean with Solvent 1	3
Valve Clean with Solvent 2	3

SS420 Board Method

I. Acquisition

1. Number of channel in use: 2
2. Channel descriptions:  
A: 214  
B: 234
3. Sampling frequency (Hz): 10.000000
4. Acquisition time:  
Run in 60.00 min

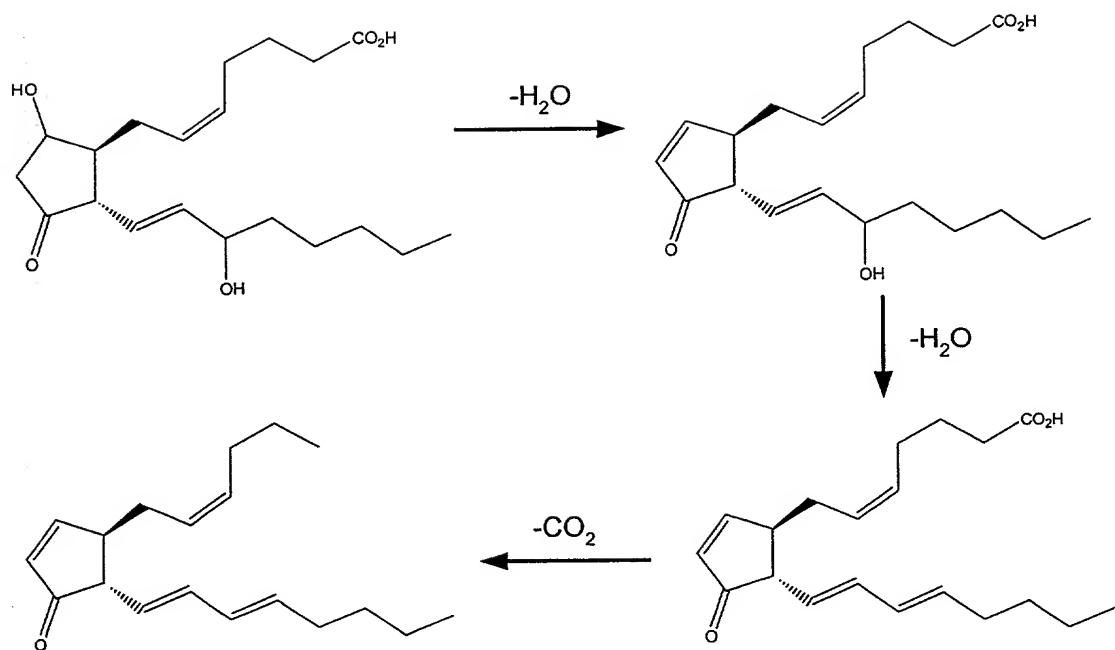
II. External Events:

External Events: not in use

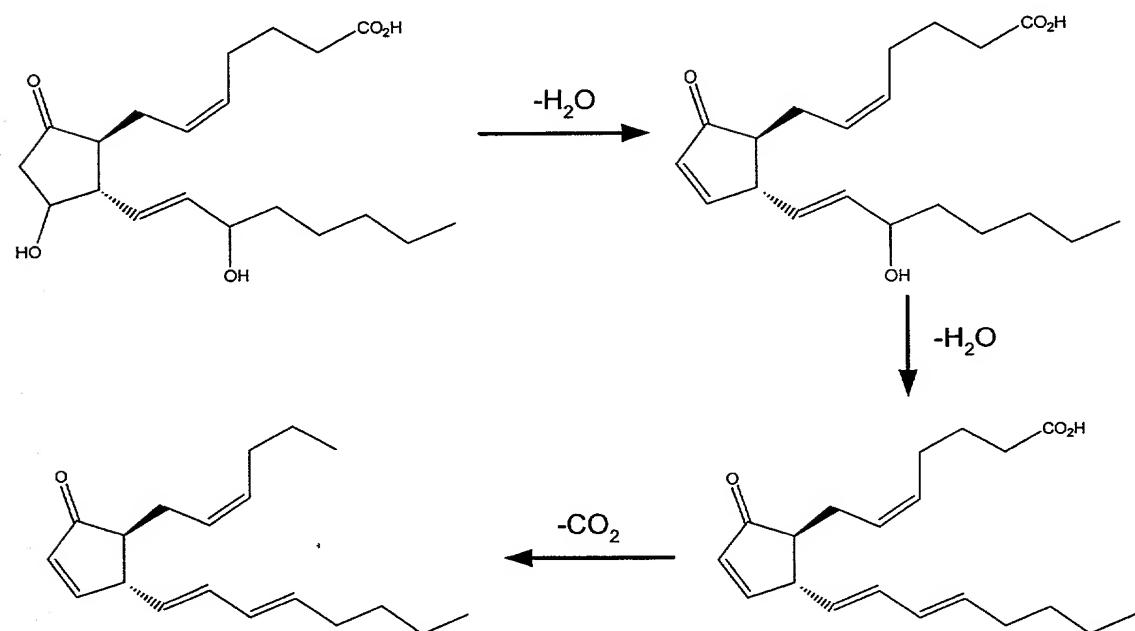
III. Configuration

Board Number: 1  
Trigger Line: 1  
Trigger type: closed contact causes trigger

FIG. 6C



PRIOR ART FIG. 7A



PRIOR ART FIG. 7B

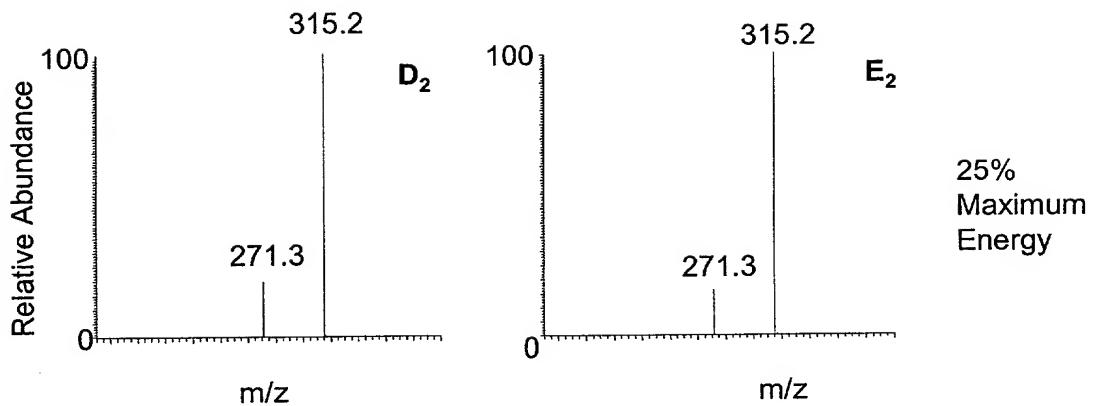


FIG. 8A

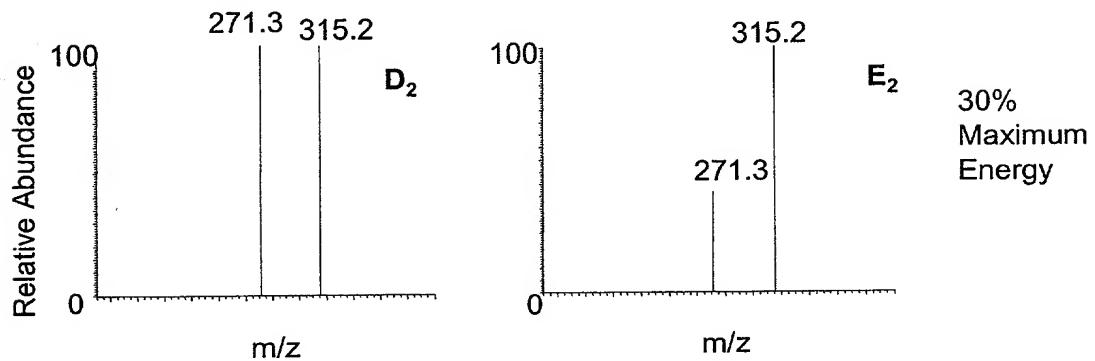


FIG. 8B

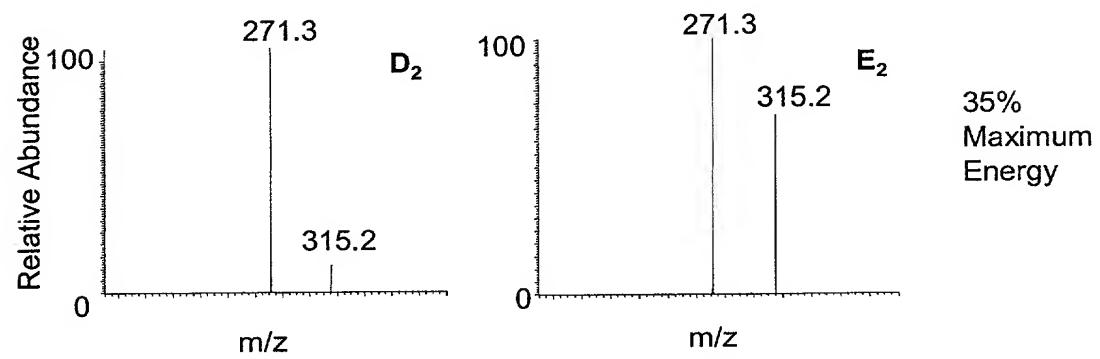


FIG. 8C